# This Page Is Inserted by IFW Operations and is not a part of the Official Record

# **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
  - GRAY SCALE DOCUMENTS

# IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



#### A-8753W PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Gerald J. BANKS

Appln. No.: 10/742,890

Group Art Unit: 2818

Filed: December 23, 2003

For: MEMORY APPARATUS INCLUDING PROGRAMMABLE NON-VOLATILE MULTI-BIT MEMORY CELL, AND APPARATUS AND METHOD FOR

DEMARCATING MEMORY STATES OF CELL

#### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

Applicant wishes to make of record the documents cited in predecessor Application Nos. 10/188,835 filed July 5, 2002, 09/893,545 filed June 29, 2001, 09/733,937 filed December 12, 2000, 09/493,139 filed January 28, 2000, 09/411,315 filed October 4, 1999, 08/975,919 filed November 21, 1997, and 08/410,200 filed February 27, 1995, whether cited by Applicant or by the Patent Office. The documents are listed on the attached Form-1449 and include all citations through AT on sheet 27 of the List. The

remaining document on sheet 27 is the patent which issued on parent Application No. 10/188,835.

The Commissioner is hereby authorized to charge to Deposit Account No. 50-1165 any fees that may be required by this paper and to credit any overpayment to that Account.

Respectfully submitted,

By: /

Mitchell W. Shapiro

Reg. No. 31,568

MWS:sjk

Miles & Stockbridge P.C. 1751 Pinnacle Drive Suite 500 McLean, Virginia 22102-3833 (703) 903-9000

May 17, 2004

LIST OF C	OCUMENTS	TO-1449		A-8753W	40.		/742,890
	OCUMENTS			<b> </b>		110,	142,070
	OCUMENTS						
	3	UV	~ ~~~ ~~~ <b>~</b>	Applicant Gerald J. B	BANKS	<b>,</b> .	•
MAY 1 7 2004	1	CITED DI 2	<u>APPLICANI</u>	Filing Date		<del> j</del> -	
3	)		· · · · · · · · · · · · · · · · · · ·	December 23,	วกกร :	Gro	oup 2818
	<u>}</u>			<u> </u>	2005		.818
		PART PROPERTY.	istandiki bo	<u>बिर्मान(म</u> र्भः			
Examiner Initial	Document Number	Date	· ·	Name	Class	Sub- class	Filing Date
AA	5,200,920		<del></del>	·	365	185	
	Re 32,401	04/14/87	Belistein,	, Jr. et al	365	182	
AC		<u> </u>		·		'	
AD							
AE	· · ·	· .		<u> </u>		<u> </u>	
AF							
AG		·					
AH							
AI							
AJ		1					
AK							
		) हें हैं हैं हैं हैं हैं हैं हैं हैं हैं है	sije pajancejki list	CONTRACTOR OF THE PROPERTY OF			
Examiner Initial	Document Number	Date		intry	Class	Sub- class	Translation
		09/08/81	Japan				No
AM (	61-239497		Japan		,		No
AN 6	61-239498	10/24/86	Japan				No
AO	62-24499	02/02/87	Japan				No
AP	1-159895	06/22/89	Japan				No
AQ			·				
	Суйний	British Military	100-2005-210-2007				
Т	orelli, Gu	ido et al	"An Imp	roved Method	for	Drogr	ing a
AR W	ord-Erasab	le EEPROM®	", Alta Fre	equenza - Sc. Pages 487-49	ienti	ific R	eview in
Y	oshikawa, k	Kuniyoshi	et al., "A	An Asymmetric		Lightly	
AS S	ource (ALDS	S) Cell fo	or Virtual	Ground High	Dens	sity El	PROMs",
Examiner			Date (	Considered		<del></del>	<del> </del>
						• .	
with MPEP 609	; draw line	through cit	tation if not	her or not cit t in conforman to Applicant.	nce an	is in nd not	conformance considered.

FORM PTO-1449

LIST OF DOCUMENTS CITED BY APPLICANT

Atty. Docket No.	Serial No.
A-8753W	10/742,890
Applicant Gerald J. BANKS	
Filing Date	Group
December 23, 2003	2818

			្ស ប្រំន	PATENT DOCUMENTS			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	AA	4,417,325	11/22/83	Harari	365	185	
	AB	4,448,400	5/15/84	Harari	365	185	
	AC	4,612,629	9/16/86	Harari	365	185	
	AD	5,043,940	8/27/91	Harari	365	168	
	AE	5,163,021	11/10/92	Mehrotra et al.	365	185	
	AF	5,168,465	12/1/92	Harari	257	320	<del>                                     </del>
	AG	5,198,380	3/30/93	Harari	437	43	·
	AH	5,200,959	4/6/93	Gross et al.	371	21.6	<del> </del>
	AI	5,268,318	12/7/93	Harari	437	43	
	AJ	5,268,319	12/7/93	Harari	437	43	
	AK	5,268,870	12/7/93	Harari	365	218	
	AL	5,272,669	12/21/93	Samachisa et al.	365	185	
	AM	5,293,560	3/8/94	Harari	365	185	
	AN	5,313,421	5/17/94	Guterman et al.	365	185	
_	AO	5,422,842	6/6/95	Cernea et al.	365	185	
	AP	5,428,621	6/27/95	Mehrotra et al.	371	21.4	
	AQ	5,430,859	7/4/95	Norman et al.	395	425	<del></del>
	AR	5,434,825	7/18/95	Harari	365	185	
	AS	5,495,442	2/27/96	Cernea et al.	365	185.03	
	AT	5,544,118	8/6/96	Harari	365	218	
	UA	5,554,553	9/10/96	Harari	437	43	
	AV	5,568,439	10/22/96	Harari	365	218	
. ;	AW	5,583,812	12/10/96	Harari	365	185.33	
	A.X	5,642,312	6/24/97	Harari	365	185.33	
	AY	5,657,332	8/12/97	Auclair et al.	371	40.11	
1	λZ	5,659,550	8/19/97	Mehrotra et al.	371	21.4	

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

Atty. Docket No.
A-8753W

Applicant
Gerald J. BANKS

Piling Date Group
December 23, 2003 2818

			d,s	PATENT DOCUMENTS			er e
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	ва	5,712,180	1/27/98	Guterman et al.	437	43	
	вв	5,712,819	1/27/98	Harari	365	185.29	
	вс	5,776,810	7/7/98	Guterman et al.	438	258	:
	BD	5,806,070	9/8/98	Norman et al.	711	103	
	BE	4,661,929	4/285/87	Aoki et al.	365	189	
	BF	4,701,884	10/20/87	Aoki et al.	365	189	
	BG	4,709,350	11/24/87	Nakagome et al.	365	45	
	вн	5,014,242	5/7/91	Akimoto et al.	365	63	
	ві	5,299,165	3/29/94	Kimura et al.	365	210	
	ВJ	5,307,304	4/26/94	Saito et al.	365	145	;
	вк	5,802,553	9/1/98	Robinson et al.	711	103	•
	BL	5,801,991	9/1/98	Keeney et al.	365	185.23	
	вм	5,796,667	8/18/98	Sweha et al.	365	207	
	BN	5,781,472	7/14/98	Sweha et al.	365	185.11	
	во	5,754,566	5/19/98	Christopherson et al.	371	40.18	
	BP	5,748,546	5/5/98	Bauer et al.	365	210	
	BQ	5,671,388	9/23/97	Hasbun	395	430	
	BR	5,574,879	11/12/96	Wells et al.	395	427	·
	BS	5,566,125	10/15/96	Fazio et al.	365	45	
	вт	5,563,828	10/8/96	Hasbun et al.	365	185.33	
	BU	5,553,020	9/3/96	Keeney et al.	365	185.19	
	вv	5,546,042	8/13/96	Tedrow et al.	327	538	
	BW	5,497,354	3/5/96	Sweha et al.	365	230.06	
	вх	5,487,033,	1/23/96	Keeney et al.	365	185.19	
	BY	5,438,546	8/1/95	Ishac et al.	365	200	

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

Atty. Docket No. Serial No.
A-8753W 10/742,890

Applicant

Gerald J. BANKS

Filing Date

Group

December 23, 2003

2818

			- ग्रेंभ	१२/५॥वरमः १०७७।॥४वरमस्य			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	AA	4,192,014	03/04/80	Craycraft	365	104	
	AB	4,357,685	11/02/82	Daniele et al.	365	189	
	AC	4,964,079	10/16/90	Devin	365	168	
	AD	5,172,338	12/15/92	Mehrotra et al.	365	185	
	AE	5,262,984	11/16/93	Noguchi et al.	365	185	
	AF	3,801,965	04/02/74	Keller et al.	340	173R	
	AG	4,004,159	01/18/77	Rai et al.	307	238	
	AH	4,054,864	10/18/77	Audaire et al.	340	173R	
	AI	4,090,258	05/16/78	Cricchi	365	184	
	АJ	4,122,541	10/24/78	Uchida	365	154	
	AK	4,139,910	02/13/79	Anantha et al.	365	183	
			ंद्रं०) रहे दिवस	<u>त्रा क्रक्तिक्ष्यका क्षेत्राहात्रावर्षक</u> ः			
Examiner Initial		Document Number	Date	Country	Class	Sub- class	Translation
	AL	WO82/02276	07/08/82	WIPO			
	AM	WO82/02976	09/02/82	WIPO			
	AN	WO90/01984	03/08/90	WIPO			
·	AO	2 630 574	10/27/89	France			Abstract
	AP	0 390 404	10/03/90	Europe			
	AQ	0 725 403	08/07/96	EPO			
		65EE41	and the state of the		roter dec		
	AR	M. Bauer et IEEE Interna 7, Paper TA	ational Sc	altilevel-Cell 32Mb olid-State Circuits	Flash l Confere	Memory ence,	, 1995 Session
	AS	Computer, 19	81 IEEE I	., The Interface Pronternational Solid- 1981, at 116-117.	ocessoi State (	r for Circui	the 32b ts
xaminer	<del></del> -		·	Date Considered	<del></del>	· ·	·

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

Atty. Docket No. Serial No. A-8753W 10/742,890 Applicant

Gerald J. BANKS

Piling Date
December 23, 2003

**Group** 2818

COLOR BURNESS CONTRACTOR	· · · · · · · · · · · · · · · · · · ·						
			ं गु.इ.ः	अपन्यत्मः अवस्यागान <u>्य</u> म्			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
_	AA*	4,149,270	04/10/79	Cricchi et al.	365	222	
	AB*	4,181,980	01/01/80	McCoy	365	45	
	AC*	4,272,830	06/09/81	Moench	365	45	
	AD*	4,287,570	09/01/81	Stark	365	104	
:	AE*	4,300,210	11/10/81	Chakravarti et al.	365	45	
	AF*	4,306,300	12/15/81	Terman et al.	365	45	
	AG*	4,327,424	04/27/82	Wu	365	104	
	AH*	4,388,702	06/14/83	Sheppard	365	104	<del></del>
	AI*	4,415,992	11/15/83	Adlhoch	365	94	
	AJ*	4,449,203	05/15/84	Adlhoch	365	104	
	AK*	4,462,088	07/24/84	Giuliani et al.	365	105	
			१६०)(स्टाहरू	৽য়৽ৢঀ৸ড়৾৻৸৽ৣ <u>ঢ়৻৹৻ড়ঢ়ঢ়ৢ৾ঢ়ড়৻৸৸</u> ঽ৽৽৽			
Examiner Initial		Document Number	Date	Country	Class	Sub- class	Translation
	AL*						<del></del> -
	AM*						
	AN*						
	AO*						
	AP*						
	AQ*						
	181112413	ra <b>ķaga</b> lībātašiacija	Enteliose se	sele seles pecroso	are ery		ie i
9 (5) (4) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	AR*	<b>Floating-Gat</b>	e Memory (	ans Melchior, <i>A Fo</i> Cells, IEEE Journa No. 3, June 1987,	ur-Sta l of S	<i>te EEP</i> olid-S	ROM Using tate
		Raymond A. H	eald & Da	vid A. Hodges, Mul sistor Per Cell, I	tileve.	l Rand	om-Access

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

Atty. Docket No.	Serial No.
A-8753W	10/742,890
Applicant	
Gerald J. BANKS	4

			•		December 2	3, 2003		28	Ľ8
			i u s	अ:अमृत्युम <sup>्</sup> क)()	हा रेवद्य रहा है।				
Examiner Initial	·	Document Number	Date	Na	ıme	Class		ib- ass	Filing Dat
	AA^	4,495,602	01/22/85	Sheppard		365	.10	04	
	AB^	4,503,518	03/05/85	Iwahashi		365	10	)4	
	AC^	4,558,241	12/10/85	Suzuki et	al.	307	53	30	
	AD^	4,578,777	03/25/86	Fang et a	al.	365	18	34	
	AE^	4,586,163	04/29/86	Koike		365	10	4	
	AF^	4,627,027	12/02/86	Rai et al		365	4	5	
	AG^	4,653,023	03/24/87	Suzuki et	al.	365	10	4	
	AH^	4,661,929	04/28/87	Aoki et a	1.	365	18	9	
	AI^	4,709,350	11/24/87	Nakagome	et al.	365	4	5	
	AJ^	4,733,394	03/22/88	Giebel	·	371	2:	1	
	AK^	4,771,404	09/13/88	Mano et a	1.	365	18	9	
			द्वास्टर्स	របៈមុខភ(មៈ គេ <u>ខ</u> ែ	क्षित्रकारमध्य				
Examiner Initial		Document Number	Date	Coun	try	Class	Sub cla		Translation
	AL^								, .
	AM^								
	AN^						•		
•	AN^								
	-								
	AO^								
	AO^	- Canings				54			
	AO^	LOSHER David A. Ric Transactions at 99-106.	ch, A Surv						

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

_		rage / of 2
	Atty. Docket No.	Serial No.
	A-8753W	10/742,890
	Applicant Gerald J. BANKS	
1	Piling Date	Group
ı	December 23 2002	2010

مريحا كالمقال كالكاملان			( <b>it</b> ) <b>is</b> ≥ i	ॐ.सहस्रोमः १ <b>०</b> (लंग्रास्तरमञ्ज			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	AA#	4,799,195	01/17/89	Iwahashi et al.	365	185	
	AB#	4,847,808	07/11/89	Kobatake	364	104	
	AC#	4,853,892	08/01/89	Hori	365	49	
	AD#	4,890,259	12/26/89	Simko	365	45	
	AE#	4,914,631	04/03/90	Johnson et al.	365	189.11	
	AF#	4,989,179	01/29/91	Simko	365	45	
	AG#	5,021,999	06/04/91	Kohda et al.	365	168	
	AH#	5,043,940	08/27/91	Harari	365	168	
	AI#	5,095,344	03/10/92	Harari	357	23.5	
	AJ#	5,163,021	11/10/92	Mehrotra et al.	365	185	
	AK#	5,258,958	11/02/93	Iwahashi et al.	365	210	
			ાદેલો કરકાલો:	नक्ष-श्रष्टलर्भः ५ <u>०</u> (०(०(ग्राप्टर्मस्टः			
Examiner		Document Number	7.4.			Sub-	
Initial	[	Document Number	Date	Country	Class	class	Translation
<del></del>	AL#	Document Number	Date	Country	Class		Translation
	AL# AM#	Document Number	Date .	Country	Class		Translation
		Document Number	Date	Country	Class		Translation
	AM#	Document Number	Date	Country	Class		Translation
	AM# AN#	Document Number	Date	Country	Class		Translation
	AM# AN# AO#	DOCUMENT NUMBER	Date	Country	Class		Translation
	AM# AN# AO# AP#	GAUSSIA!	Date	Country	Class		Translation
	AM# AN# AO# AP#	essist.	rent Genera	tor Circuit", IBM Tec	hnical D	class	
	AM# AN# AO# AP# AQ#	essist.	rent Genera	ator Circuit", IBM Tec	hnical D	class	
	AM# AN# AO# AP# AQ# AR#	essist.	rent Genera	ator Circuit", IBM Tec	hnical D	class	

#### LIST OF DOCUMENTS CITED BY APPLICANT

Atty. Docket No.	Serial No.
A-8753W	10/742,890
Applicant	

Gerald J. BANKS

Filing Date Group December 23, 2003 2818

CONTRACTOR OF THE PERSON	DIRECT NAME OF THE OWNER, OR	C. Carrieron C.					
			T 4	क्रामस्यरम् । क्रिड्डारायरम्			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Da
	AA'	5,268,870	12/07/93	Harari	365	218	
	AB'	5,293,560	03/08/94	Harari	365	185	
	AC'	5,321,655	06/14/94	Iwahashi et al.	365	200	
	AD'	5,351,210	09/27/94	Saito	365	189.01	
	AE'	5,422,845	06/06/95	Ong	365	185	
	AF'	5,432,735	07/11/95	Parks et al.	365	168	
	AG'	5,434,825	07/18/95	Harari	365	185	
	AH'	5,440,505	08/08/95	Fazio et al.	365	45	
	AI'	5,444,656	08/22/95	Bauer et al.	365	189.01	
	AJ'	5,450,363	09/12/95	Christopherson et al.	365	205	
	AK'	5,457,650	10/10/95	Sugiura et al.	365	184	
	AL	3,13,,030		3			
	AK	3,13,,030	C. dynamical and the second	रश्र-सम्बद्धः । रहालकाराक्यरमस्य			
	AK	Document Number	C. dynamical and the second		Class	Sub- class	Translatio
nitial	AL'		ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः		Sub-	Translatio
nitial			ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः		Sub-	Translatio
nitial	AL"		ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः		Sub-	Translatio
nitial	AL'		ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः		Sub-	Translatio
nitial	AL' AM' AN'		ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः		Sub-	Translatio
nitial	AL' AM' AN'		ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः		Sub-	Translatio
	AL' AM' AN' AO'		ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः		Sub-	Translatio
nitial	AL' AM' AN' AO'	Document Number	ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः		Sub-	Translatio
nitial	AL' AM' AN' AO' AP' AQ'	Document Number	ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः		Sub-	Translatio
nitial	AL' AM' AN' AO' AP'	Document Number	ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः	Class	Sub-	Translatio
nitial	AL' AM' AN' AO' AP' AQ'	Document Number	ंदें।श्यक्तद्रस्}ः	१क्षेत्रसम्बद्धाः । वृश्वास्त्राम्बद्धः	Class	Sub-	Translatio

9
•

#### LIST OF DOCUMENTS CITED BY APPLICANT

Atty. Docket No.	Serial No.
A-8753W	10/742,890

Applicant

Gerald J. BANKS

Filing Date Group
December 23, 2003 2818

THE STATE OF THE S			·	<u> </u>		<u> </u>	
			iles.	क्षात्रम्बर्गस्य १६० <u>० (बार्गस्य</u>			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	AA~	5,469,384	11/21/95	Lacey	365	185.13	
	AB~	5,475,693	12/12/95	Christopherson et al.	371	10.2	
	AC~	5,485,422	01/16/96	Bauer et al.	365	168	
	AD~	5,497,119	03/05/96	Tedrow et al.	327	540	
	AE~	5,506,813	04/09/96	Mochizuki et al.	365	230.03	
	AF~	5,508,958	04/16/96	Fazio et al.	365	185.19	
	AG~	5,515,317	05/07/96	Wells et al.	395	427	
	AH~	5,523,972	06/04/96	Rashid et al.	365	185.22	
	AI~	5,539,690	07/23/96	Talreja et al.	365	185.22	
	AJ~	5,541,886	07/30/96	Hasbun	365	230.01	,
	AK~	5,544,118	08/06/96	Harari	365	218	
			ाइंश्रास्ट्रीहरू	্টার্শন্ত(লং ভু <b>চ্চার্ড্টারে</b> (লংচ			
Examiner Initial		Document Number	Date	Country	Class	Sub- class	Translation
					1		
	AL~						
	AL~						
	AM~						
	AM~						
	AM~ AN~ AO~						
	AM~ AN~ AO~ AP~	्रसम्बद्धाः • • • • • • • • • • • • • • • • • • •					
	AM~ AN~ AO~ AP~	O ANT FRENT	Charles and Author				
	AM~ AN~ AO~ AP~ AQ~	OPH: CR.5					
	AM~ AN~ AO~ AP~ AQ~	O A HE B CR K					

FORM	PTO-	1	4	4	q
TOM	FIU-	-	. 3	╼.	_

#### LIST OF DOCUMENTS CITED BY APPLICANT

_		rage 10 of 27
	Atty. Docket No.	Serial No.
1	A-8753W	10/742,890
ı	Applicant	
ı	Complet Dayma	

Filing Date Group
December 23, 2003 2818

	·	December 2.		2813	-
	ઉં∂કેં	क्रामसंदर्भनः कार्डस्मारस्दर			
Document Number	Date	Name	Class	Sub- class	Filing Dat
<b>\$</b> 5,550,772	08/27/96	Gill	365	185.03	
<b>5,568,439</b>	10/22/96	Harari	365	218	
<b>5</b> ,583,812	12/10/96	Harari	365	185.33	
<b>5,594,691</b>	01/14/97	Bashir	365	189.09	
<b>5</b> ,596,527	01/21/97	Tomioka et al.	365	185.20	
<b>3</b> ,660,819	05/02/72	Frohman-Bentchkowsky	317	235R	
<b>5,295,255</b>	03/15/94	Malecek et al.	395	425	
<b>&gt;</b>				·	
<b>&gt;</b>				•	<del></del> .
<b>&gt;</b>					
<b>&gt;</b>					
	್ಷತ್ರೀಚಾಕ್ಷೆಈ)!	१६५५७वरमा ३६,६,८३३),१७८५५५			
Document Number	Date	Country	Class	Sub- class	Translation
<b>&gt;</b>					
•					
			i		•
•					
•					
			T		
(6,12.54.					
(6,12.54.					
	5,550,772 5,568,439 5,583,812 5,594,691 5,596,527 3,660,819 5,295,255	Document Number Date  \$\displaystyle{\Phi}\$ 5,550,772 08/27/96  \$\displaystyle{\Phi}\$ 5,568,439 10/22/96  \$\displaystyle{\Phi}\$ 5,583,812 12/10/96  \$\displaystyle{\Phi}\$ 5,594,691 01/14/97  \$\displaystyle{\Phi}\$ 5,596,527 01/21/97  \$\displaystyle{\Phi}\$ 3,660,819 05/02/72  \$\displaystyle{\Phi}\$ 5,295,255 03/15/94  \$\displaystyle{\Phi}\$ Document Number Date	5,550,772 08/27/96 Gill 5,568,439 10/22/96 Harari 5,583,812 12/10/96 Harari 5,594,691 01/14/97 Bashir 5,596,527 01/21/97 Tomioka et al. 3,660,819 05/02/72 Frohman-Bentchkowsky 5,295,255 03/15/94 Malecek et al.  7,20/3376/10/24/27/24/27/24/2	Document Number   Date   Name   Class     \$ 5,550,772   08/27/96   Gill   365     \$ 5,568,439   10/22/96   Harari   365     \$ 5,583,812   12/10/96   Harari   365     \$ 5,594,691   01/14/97   Bashir   365     \$ 5,596,527   01/21/97   Tomioka et al.   365     \$ 3,660,819   05/02/72   Frohman-Bentchkowsky   317     \$ 5,295,255   03/15/94   Malecek et al.   395     \$   \$   \$   \$   \$   \$   \$   \$   \$	Document Number   Date   Name   Class   Subclass     \$ 5,550,772   08/27/96   Gill   365   185.03     \$ 5,568,439   10/22/96   Harari   365   218     \$ 5,583,812   12/10/96   Harari   365   185.33     \$ 5,594,691   01/14/97   Bashir   365   189.09     \$ 5,596,527   01/21/97   Tomioka et al.   365   185.20     \$ 3,660,819   05/02/72   Frohman-Bentchkowsky   317   235R     \$ 5,295,255   03/15/94   Malecek et al.   395   425     \$

## LIST OF DOCUMENTS CITED BY APPLICANT

	Page II of 27
Atty. Docket No.	Appln. No.
A A-8753W	10/742,890
Applicant Gerald J. Banks	
Filing Date	Group
December 23, 2003	2818

100			TI-S	PATENT DOCUMENTS			
Examiner		Document Number	Date		T		
Initial	AA			Name	Class	Sub- class	Filing Dat
	+	-	8/28/73	Frohman-Bentchkowksky	317	235R	
	AB		6/4/91	Kohda et al.	365	168	
	AC	4,903,236	2/20/90	Nakayama et al.	365	185	
•	AD				£		
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ				1		<del> </del>
2 F 200 B 2 F 2 F	AK		· .				<u> </u>
			FORETCN	PATENT DOCUMENTS			
Examiner Initial		Document Number	Date	Country	Class	Sub-	Translation
	AL					-	·
	AM				-		
	AN						
1	AO				-		
1	lΡ					<del></del>	
		OTHER &	ncluding autho	L'(Lible, date, partinent pagés, v			
2	טועי	leiker, Chris	stoph, and	Melchior, Hans. "A Fou ory Cells." IEEE Journal o. 3. (June 1987) : 460-		te EEP olid-S	ROM tate
A	R E	ntel Corporat	ion. "2764	A Advanced 64K (8K x 8) Components Handbook. (00		ction 1985	and UV
A	A		1995 Tech	ont, Albert. "Multi-lev rgent Programming Method nical Digest-Internation : 271-274.			

Examiner

Date Considered

		·			A-8753W			10/742,890
		FORM P	TO-1449	·	Applicant		<u></u>	
LIS	r of	DOCUMENTS	CITED BY	APPLICANT	Gerald J.	Banks		
					Filing Date		. !	roup
	Cranks San	-			December	23, 200	3 2	2818
			U.S	PATENT DO	CUMENTS &	North		
Examine Initial		Document Number	Date	Na	ıme	Class	Sub- class	Filing Date
	BA							
	ВВ							
	ВС			-				
	BD							
·	BE			:				
	BF					-		
	BG	·						
-	вн							
	ві							
	вЈ							
	BK							
			१०सम्बद्ध	N PALEGNES IX	COMENTS			
CHEST STREET, SALES STREET, SALES								
Examiner Initial		Document. Number	Date	Count	ry	Class	Sub-	Translation
Examiner Initial	BL	Document Number	Date	Count	ry	Class	Sub- class	Translation
		Document Number	Date	Count	гу	Class		Translation
	BL	Document Number	Date	Count	ry	Class		Translation
	BL BM	Document Number	Date	Count	ry	Class		Translation
	BL BM BN	Document Number	Date	Count	ry	Class		Translation
	BL BM BN BO			SI SERVICION PROPERTY AND				Translation
	BL BM BN BO BP	GAULER.	encluding and	u. / List alste	2027 1807 52	ion, it	class	
	BL BM BN BO BP	OIHER Aritome, Sei	including anti-	u. (118 date 1. "A Novel Multi-Level	Paglyweilepa Side-Wall	Transf	class	ansistor
	BL BM BN BO BP	OTHER OTHER Aritome, Sei Cell (SWATT of Digest-Inter	including and ichi, et a Cell) For I	d. "A Novel Multi-Level Lectron Devi	Side-Wall NAND EEPRO	gea esc Transf DMs. " 1	class er-Tr: 995 To	ansistor echnical 275-278.
	BL BM BN BO BP BQ	OIHER Aritome, Sei	including and ichi, et a cell) For a national E	i. "A Novel Multi-Level Lectron Devi	Parly ment parly mann EEPRO ices Meeting	Transf DMs. " 1 ng. (19	er-Tr. 995 Te	ansistor echnical 275-278.
Initial	BL BM BN BO BP BQ BR II	OTHER Aritome, Sei Cell (SWATT of Digest-Intern Bauer, M., es 1995 IEEE Int Digest of Tec Hemink, G.J., Multi-level N	ichi, et a Cell) For A national E t al. "TA 7 ternational chnical Pap et al. "F	1. "A Novel Multi-Level Lectron Devi 7.7: A Multi 2. Solid-Stat 2. Solid-Stat 3. Solid-Stat 3. Solid-Stat 3. Solid-Stat 3. Solid-Stat 3. Solid-Stat 3. Solid-Stat	Partinent particles Meeting level-Cell cellice Circuits : 132-133	Transf DMs. " 1 ng. (19 32Mb 5 Confe	class  er-Transport  995 To  95):  Flash  rence	ansistor echnical 275-278. Memory."
Initial	BL BM BN BO BP BQ BR II	OTHER Aritome, Sei Cell (SWATT of Digest-Intern Bauer, M., et 1995 IEEE Int Digest of Teo Hemink, G.J.,	ichi, et a Cell) For A national E t al. "TA 7 ternational chnical Pap et al. "F	I. "A Novel Multi-Level Lectron Devi 7.7: A Multi 2. Solid-State 2. Solid-State 3. Solid-State 3. Solid-State 4. Solid-State 5. Solid-State 6. Solid-State 6	Performing partial par	Transf DMs. " 1 ng. (19 32Mb 5 Confe	class  er-Transport  995 To  95):  Flash  rence	ansistor echnical 275-278. Memory."
Initial	BL BM BN BO BP BQ BR II	OTHER Aritome, Sei Cell (SWATT of Digest-Intern Bauer, M., es 1995 IEEE Int Digest of Tec Hemink, G.J., Multi-level N	ichi, et a Cell) For A national E t al. "TA 7 ternational chnical Pap et al. "F	I. "A Novel Multi-Level Lectron Devi 7.7: A Multi 2. Solid-State 2. Solid-State 3. Solid-State 3. Solid-State 4. Solid-State 5. Solid-State 6. Solid-State 6	Partinent particles Meeting level-Cell cellice Circuits : 132-133	Transf DMs. " 1 ng. (19 32Mb 5 Confe	class  er-Transport  995 To  95):  Flash  rence	ansistor echnical 275-278. Memory."
Initial	BL BM BN BO BP BQ BR II	OTHER Aritome, Sei Cell (SWATT of Digest-Intern Bauer, M., et 1995 IEEE Int Digest of Teo Hemink, G.J., fulti-level N Digest of Teo	including authorized ichi, et al. "TA Taternational Electronal Paper et al. "FIAND EEPROME CAND EEPROME	l. "A Novel Multi-Level Lectron Devi 7.7: A Multi 1. Solid-Stat Ders. (1995) Past and Access." 1995 Systems. (1995)	performit particles with the control of the control	Transf OMs. 11 11g. (19 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb 132Mb	class  er-Tra  995 Te  995):  Flash  rence  g Meth  Technol	ansistor echnical 275-278. Memory." 1995
Examiner EXAMINER	BL BM BN BO BP BQ BR II	OTHER Aritome, Sei Cell (SWATT of Digest-Intern Bauer, M., es 1995 IEEE Int Digest of Tec Hemink, G.J., Multi-level N	ichi, et al. "TA 7 cernational El et al. "FI IAND EEPROME EN	dered, whether	Side-Wall NAND EEPRO Ices Meetin Level-Cell Ee Circuits : 132-133 Surate Programposium on : 129-130 Donsidered	Transform 19 (19 32Mb Confe VLSI	class  er-Tr: 995 Te 995): Flash rence, g Meth Techno	ansistor echnical 275-278. Memory." 1995

R	OR	M	РТ	n.	_ 1	4	4 Q

#### LIST OF DOCUMENTS CITED BY APPLICANT

(	
Atty. Docketo.	Appln. No.
A-8753W	10/742,890
Applicant	
Gerald J. Banks	
Filing Date	Group
December 23, 2003	2818

in research and a second	usselven.	Victoria de la companya de la compa			23, 2003	201	
		T	Ū.S.	PATERIE DOCUMENTES			
Examiner Initial	L	Document Number	Date	Name	Class	Sub- class	Filing Date
	CZ	<b>\</b>					
	CE	3					
	CC						
	CD						
	CE						
	CF						
	CG						
	СН					·	
	CI						
	СJ						
	CK						
			, ह्लास्ट्राह	N PAVENT DOCUMENTES			
Examiner Initial	·	Document Number	Date	Country	Class	Sub- class	Translation
. •	CL					·	
	СМ						
	CN						
	СО	•					
	CP						
		OZHER.	ក្រឡេងក្មេងគ្នេ ប្រុក	nce, etilbyahtis, pateinanis	Paqee (e)		
	CQ	Architecture	for Multi	"A Double-Level-V <sub>th</sub> -Level NAND Flash Me t of Technical Paper	emories."	1995	Symposium
,	CR	Gotou, Hirosl Cell. IEEE 1 : 121-123.	hi. "New Op Electron De	peration Mode for St evice Letters, Vol.	acked-Ga 16, No.	te Fla: 3. (Ma:	sh Memory rch 1995)
	cs	Flash Memory	for Mass S Solid-Sta	"TP 2.1: A 3.3V 12 Storage Applications ate Circuits Confere 5): 32-33.	. 1996	IEEE	

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

_	<del></del>	_ rage 14 O1 2/
	Atty. Docket	Appln. No. 10/742,890
	Applicant Gerald J. Banks	
	Filing Date	Group
	December 23, 2003	2818

Employee Services	7.00 to 100				Control of Columbia and Alexander			
			uss:	DALENII, DOGI	IMENIES &			
Examiner Initial		Document Number	Date	Name	•	Class	Sub- class	Filing Date
	DA							
	DB		·					
	DC							
	DD							:
·	DE							
÷	DF							
·	DG			· .				
	DH						:	
<del> </del>	DI				· · · · · ·			
	DJ			·	· · · · · · · · · · · · · · · · · · ·			
	DK							
			FOREIGN	N PATERNI DOG	DE BENEFE			
Examiner Initial		Document Number	Date	Country	,	Class	Sub- class	Translation
	DL							
	DM							
	DN							
	DO							
	DP							
		одний.	ntichiding inch	e iche valve.	pare ment p	agga (Sa)	Y S	
	DQ	Neale, Ron. "Will multi-level Flash memory be the way to the future?" Electronic Engineering (London), Vol. 68, No. 835. (July 1996): 3 pp.						
	DR	Patton, Robe Japanese Pre	rt. "Flash ss Network.	makers takin (November 1	g conser 996) : 2	vative pp.=	steps	forward."
	nal	with FN-NOR	Гуре 4-leve ts Conferen	1. "TP 2.3: 1 Cell." 199 ce, 1996 Dig	6 IEEE I	nternat	ional 9	Solid-
vaminer		· _ · · · · · · · · · · · · · · · · · ·	<del></del>			<u>`</u>	<del></del>	

Examiner

Date Considered

PA	DM	PTO-	. 1	4	4	Q
rv	KPI.	P 1 () -			-	

	Page 15 of 2
Atty. Docket	Appln. No. 10/742,890
Applicant Gerald J. Banks	1
Filing Date	Group
December 23, 2003	2818

			ំ ប៉ុន្តិ៍	PATENT DOCUMENTS			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	EA						
	EB						·
	EC						
	ED						
:	EE						
	EF						
	EG						
	EH						
	EI						
	EJ						
	EK						
				NEDATERIE DO CUMBRIES			
Examiner Initial		Document Number	Date	Country	Class	Sub- class	Translation
	EL						
	EM						
	EN						
	EO						
	EP						
		• श्रिष्टात्यर		nce. It is adate, pertagent p	gree are		
	EO	Montanari, D., et al. "Multi-Level Charge Storage in Source- Side Injection Flash EEPROM." 1996 IEEE International NonVolatile Memory Technology Conference. (1996) : 80-83.					
	ER	Atwood, Green Overview."	g, et al. Intel Tech	"Intel StrataFlash nnology Journal. (Fo	Memo <u>r</u> y urth q	Techn uarter	ology 1997) :
	ES	Technology I	Developmen	Mark. "Intel Strat t and Implementation ter 1997) : 1-13.	aFlash n." In	Memor tel Te	y chnology

Examiner

Date Considered

			• •		Atty. Docke	two.	ybb	ln. No.
·		•			A-8753W	:	10	/742,890
		FORM PT	0-1449		Applicant			
LIST	OF	DOCUMENTS C	TTED BY A	PPLICANT	Gerald J.	Banks	*	
	<u> </u>	2000111112		·	Filing Date		Gro	up
					December 2	3, 2003	28	18
			U.S.	PATENI DO	CUMENTS :			
Examiner Initial	\$ 5.00 S 30 S	Document Number	Date	Na	ıme	Class	Sub- class	Filing Date
	FA							
	FB							
	FC							
	FD							
	FE							
	FF						. :	
	FG							
	FH							
	FI							
	FJ							
	FK			·				
			्ट्(ह) <b>स्ट</b> क्षस्य	A SVARRALE SO	<u>्रिल्लाम</u>			
		<b>这种的人们是是一个人们的人们的人们们是一个人们的人们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们</b>	MANY ALL A STATE CACLES INC. DETAILS CHANGED					
Examiner Initial		Document Number	Date	Coun	try	Class	Sub- class	Translation
	FL	Document Number	Date	Coun	try	Class		Translation
	FL FM	Document Number	Date	Coun	try	Class		Translation
		Document Number	Date	Coun	try	Class		Translation
	FM	Document Number	Date	Coun	try	Class		Translation
	FM FN	Document Number	Date	Coun	try	Class		Translation
	FM FN FO			Coun				Translation
	FM FN FO		(methoding autoration. "I	Sr: Guing dat	er perlimentar taFlash Me	agea etc	class	
	FM FN FO FP	Intel Corpor	(mcloding aug ration. "I ical Paper Ph., et al Method fo IEEE Inter	ntel Strate. (September Multi-Le	taFlash Me per 1997) crier Self	emory To: 1-13  Converted to the convert	echnol rgent Memory	ogy."
	FM FO FP FQ FR	Intel Corporated Technical Candelier, Programming 35th Annual	ration. "I ical Paper Ph., et al Method fo IEEE Inter 1-109.	ntel Strate . "Hot Car or Multi-Le	taFlash Me per 1997) crier Self evel Flash Reliabilit	converted to the conver	echnologics Sy	ogy." ." 1997 mposium.
	FM FO FP FQ FR	Intel Corporate Annual (1997): 104  Intel Corporand 64 Mbit.	ration. "I ical Paper Ph., et al Method fo IEEE Inter 1-109.	ntel Stratentional Intel I	taFlash Me per 1997) crier Self evel Flash Reliabilit	converted to the conver	echnologics Sy	ogy." ." 1997 mposium.

_			_	
Pag	^	1 /	$\sim$ f	27
	€.	LJ.	ΟĪ	~ /

Atty. Docket No.

A-8753W

Appln. No.

10/742,890

#### FORM PTO-1449

#### OF DOCUMENTS CITED BY APPLICANT

Applicant

Gerald J. Banks

Filing Date

Group

December 23, 2003

2818

			्य १५६	PATENT DOCUMENTS:			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	GA						
	GB	44					
	GC						
	GD						
:	GE						
	GF						
	GG						
· · ·	GH						·
	GI						
· ·	GJ						
	GK		Company of the Compan				
			FOREIGN	USSYARAYEE BOOKEDAWARKS			
Examiner Initial	·	Document Number	Date	Country	Class	Sub- class	Translation
	GL						
	GM		<u></u>				
· · · · · · · · · · · · · · · · · · ·	GN	<u> </u>					
·	GO		· · ·				
	GP						
		्र (०१५मानस	Life Life for a will in	TELETE ALLS DATE TANKS	igaco atro		
	GΩ	Alberts, G.S., and Kotecha, H.N. "Multi-Bit Storage FET EAROM Cell." IBM Technical Disclosure Bulletin, Vol. 24, No. 7A. (December 1981): 3311-3314.					
	GR	Device Using	EEPROM Tec s Conferen	TPM 11.7: A Non-Vola hnology." 1991 IEEE ce, Digest of Techni	Interna	tional	Solid-
	GS	content-addre	ssable mem	tionally separated, ory and its applicats, Vol. 142, No. 3.	ions."	IEE Pro	oceedings-

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

		Page 10 01 27
	Atty. Docket no.	Appln. No.
	A-8753W	10/742,890
	Applicant	
.	Gerald J. Banks	
	Filing Date	Group
	December 23, 2003	2818

			i			ресе	mber 2	2003	28.	L 8.
			, S USS	PATE	NT DO	CUME	vis			
Examiner Initial		Document Number	Date		Na	me		Class	Sub- class	Filing Date
	НА									
	нв									
	нс									
	HD		·		. ·				:	
	HE									
· · · · · · · · · · · · · · · · · · ·	HF									
	HG									
	нн						·			
<u> </u>	HI					<u>-</u>				
	нЈ									
Zieniero karet	HK				Data and the second					
			FOREIG	V PAU	ENT D	સ્લામા	क्रास्ड			
Examiner Initial		Document Number	Date		Coun	try		Class	Sub- class	Translation
٠	HL									
	HM									
	HN									· .
	но		· · · · · · · · · · · · · · · · · · ·		· .					· · · · · · · · · · · · · · · · · · ·
	HP			·	٠		· l			<u> </u>
		7. OTHER	in auding cauch	lot e i i	i produk			dae sart		
	НQ	English abstract of "Flash Memories-Interview with Intel Corporation Representative." Elektronik Praxis 30(10). (24 May 1995) : 26-30.								
	HŖ	Tran, Hieu Van, et al. "FP 16.6: A 2.5V 256-Level Non-Volatile Analog Storage Device Using EEPROM Technology." 1996 IEEE International Solid-State Circuits Conference. (February 1996): 270-271, 458, and 512.					E			
		Choi, Young-	Toon et al	11 Y	High	 bood	Prog	ramming	Schem	o for
	нѕ	Multi-Level Multi-	NAND Flash	Memor	y. 1	996 S	ympos	ium on		

								Page 19 of
			<del></del>		Atty. Docke	= <u>===</u> t no.	Apı	pln. No.
	٠				A-8753W	· ·	10,	/742,890
		FORM PT	•		Applicant Gerald J.	Banks	· · ·	
LIST	OF	DOCUMENTS C	CITED BY A	PPLICANT	Filing Date	:	<del> </del>	
· ;					December 2		28	թ <b>աք</b> 18
			, viis.	PATENTY DO	CUMENTS			
Examiner Initial		Document Number	Date		ame	Class	Sub- class	Filing Date
	IA		·					
	IB							
•	IC							
	ID							
<u> </u>	IE							
:	IF							
:	IG	·						
	IH							
	II							
	IJ							1.
	IK							
			FOREIG	PAPENT	OCUMENTS!			
Examiner Initial		Document Number	Date	Cour	ntry	Class	Sub- class	Translation
	IL			· · · · ·				
	IM			·				·
	IN		·	· .				
	10		<u>.</u>				·	
	ΙP			· · · · · · · · · · · · · · · · · · ·				
		O'REIRER!	(stronger are	or a tile, fil	e, par iment o	uerr de		
	IQ	Giridhar, Ra Opportunition (1996), Part 6347-6350.	es." Japan	ese Journ	al of Appl	ied Ph	ysics,	
	IR	Gill, Manzur Internationa (1996) : 142	al NonVola					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Examiner

Calligaro, C., et al. "Technological and Design Constraints for Multilevel Flash Memories." 1996 IEEE International Conference on Electronic Circuits and Systems. (1996) : 1005-1008.

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

	Page 20 of 2
Atty. Docket No.	Appln. No.
A-8753W	10/742,890
Applicant Gerald J. Banks	
Filing Date	Group
December 23, 2003	2818

				PAVENTEDOGUMENTS	e de la como		
Examiner					T	T cub	
Initial		Document Number	Date	Name	Class	Sub- class	Piling Date
	JA						
	JB						
	JC						
	JD						
	JE						
	JF				·		
	JG						
	ЈН						
	JI						
	JJ						
	JK				,		
			FOREIGN	CEATERN DOCUMENTS			
Examiner Initial		Document Number	Date	Country	Class	Sub- class	Translation
	JL						
	JМ						
	JN						
	JO						
	JР						
		LV COUNTY (	including aren	or Relies date, pertioent ap	Spen of		
	JQ	Eitan, Boaz, offs." 1996 (1996) : 169	IEEE Inter	"Multilevel Flash c rnational Electron	ells an Devices	nd the	ir Trade- ing.
	JR	Distribution Multilevel Fl	in the Arr ash Cell D	"Impact of Cell Thre ay of Flash Memories esign." 1996 Symposi ers. (1996) : 240-24	on Šca um on V	led and	a
	JS	Its Applicati	ons." Metho of Intelliq	"Non-Volatile One-Trodologies for the Corgent Systems, Proceeds.	ception	n. Desi	ion and
xaminer	<del></del> _	<del></del>		Date Considered			

								Page 21 of 2
	<del></del>				Atty. Docket	to.		pln. No.
					A-8753W		1	0/742,890
		FORM PTO	0-1449		Applicant			
LIST	OF	DOCUMENTS C	CITED BY A	PPLICANT	Gerald J.	Banks		
<del>.</del>					Filing Date	•	Gro	
. , , ,		E. Barrana		A STATE OF THE STA	December 2	.3, 2003	28	18
			UES .	PATENTE DO	CTMENTS			
Examiner Initial		Document Number	Date	N.	Гате	Class	Sub- class	Piling Date
	KA		!		<u> </u>			
	KВ						·	
	KC							
	KD							
	KE							
	KF							
	KG							
	KH		· .					
	KI						· · · · ·	
	КJ			·				
·	KK							
			FOREIGI	N PATERITED	OGUMENTS»			
Examiner Initial		Document Number	Date	Cow	ntry	Class	Sub- class	Translation
	KL							
	KM							
	KN							·
	KO							
	KР							
		OTHER	(including) auth	and the last	e, pertanent p	agent at a		
the state of the s	KQ	Calligaro, C 16-Level-Cel Systems in S	11 Non-Vol	latile Memo	ories." 19	996 IEEE	E Inno	vative
	KR	Hanyu, Takah Multiple-Val Brief Papers	lued CAM."	IEEE Jour	rnal of So	olid-Šta	ate Ci	rcuits,
	KS	Kencke, D.L. Flash Memory Electron Dev	y Using 161	Mbit Techr	nology." 1	.996 Int	ablin	g 64Mbit ional

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

Page 22 of	2
Appln. No.	
10/742,890	İ
	-
Group	
2818	
	10/742,890 Group

				II			
			ប៊ុន	PATERNE DOCUMENTES			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	LA						
	LB						
	LC						
	LD						
	LE						
	LF						
	LG					·	
*	LH						
	LI						
	LJ			·			
	LK				GOTZIO / TO STEED BOOK		
			म् <mark>राक्तम्</mark> ।	N PANKANT POOCUMANTS			
Examiner Initial		Document Number	Date	Country	Class	Sub- class	Translation
	LL						
	LM						<u> </u>
	LN						•
	LO						
	LP						
		OFFER	endiging and	of that we date apart from the	igosyrete:		
	LQ	EEPROM Cells	. Proceed:	Feasibility of Multil ings of the 25 <sup>th</sup> Europ September 1995) : 213	ean Sol	orage lid Sta	in Flash te Device
	l	(SWATT Cell)	for Highly	l. "A Side-Wall Tran Reliable Multi-Leve on Devices, Vol. 44,	1 NAÑO	EEPROM	's." IEEE
	LS	Voltage Conve	ergence in es." IEEE E	ntal Confirmation of a a Flash Memory Using Electron Device Lette	Altern	ating 1	Word-Line

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

_		Page 23 of 27
	Atty. Docket No.	Appln. No.
	A-8753W	10/742,890
	Applicant Gerald J. Banks	
	Filing Date	Group
	December 23, 2003	2818

			ប់ ប៉ុន្តែ	PATE	Wit BOGON	ŒŅĒS	j., 1		
Examiner Initial		Document Number	Date		Name		Class	Sub- class	Filing Date
	MA								
	мв								
	MC			·					
	MD								
	ME								
	MF				·	\$ ,			
	MG			· ·					
	МН								
	MI			· .					
	MJ							·	:
	MK								
			EOREIG	) Divi	HNIL DOC	reality :			
Examiner Initial		Document Number	Date	. :	Country		Class	Sub- class	Translation
	ML								
·.	MM						·		
	MN								
	МО				· .				
	MP		<u> </u>	·					
		Spring)	ano titlato, anti-		le, dies jo		oren e e e		
	MQ	Kim, H.S., 6 NAND Flash M 1997 Symposi (1997) : 65-	lemory Cel um on VLS	ls Us	sing the	Booste	r-Line	Techn	ology."
	MR	Takeuchi, Ker Speed Program on VLSI Circu	ming Multi	-Leve	1 NAND F	lash Me	mories.	" 1997	Symposium
	MS	Choi, Jung Da Cell with Wor International	dline Self	-Boos	ting Pro	grammin	g. <b>"</b> 199	7 IEEE	-
Examiner					Date Cons	idered			

#### LIST OF DOCUMENTS CITED BY APPLICANT

· · · · · · · · · · · · · · · · · · ·	Page 24 of 27
Atty. Docketo.	Appln. No.
A-8753W	10/742,890
Applicant	
Gerald J. Banks	
Filing Date	Group
December 23, 2003	2818

L							
			U.S.	PATENTY DOCUMENTS.			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	NA						
	NВ			·			
	NC						:
	ND						
÷	NE						
	NF						
	NG						
	NH						
	NI						
	NJ						
	NK						
			FOREIG	N PAVERNER BOOKEMANEES			
Examiner Initial		Document Number	Date	Country	Class	Sub- class	Translation
	NL		·				
	NM						
	NN						
	МО						
	NP				· .		
		OFHER#	tine tod ing anci	or wills date pertment p	igali ala		
	NQ	Scheme for 1	Multi-Leve	. "Novel Self-Conve el P-Channel Flash M on Devices Meeting.	emory.	" 1997	IEEE
	NR	for 1.5-V Po	ower Suppl	Horowitz, Mark A. " y Flash Memory." IE 32, No. 8. (August	EE Jou	rnal o	f Solid-
	NS	Universal-Li	iteral CAM nternation	1. "TP 2.5: 2-Trans for a Cellular Log al Solid-State Circ 47 and 362.	ic Imag	ge Pro	cessor."

Examiner

Date Considered

PODM	PTO-	7 4	AC
ruke	L PIU-	- 14	4 `

#### LIST OF DOCUMENTS CITED BY APPLICANT

	<del></del>	Page 25 of 27
	Atty. Docket do.	Appln. No.
	A-8753W	10/742,890
	Applicant	
	Gerald J. Banks	
- 1	Filing Date	Group

<u></u>				December	23, 2003		.010
			U.S.	PATENT DOCUMENTS			
Examiner Initial	<u> </u>	Document Number	Date	Name	Class.	Sub- class	Filing Date
	OA						
	ОВ						
	oc				·		
	OD						
:	OE				٠.		
	OF						
	og						
	он						
· · · · · · · · · · · · · · · · · · ·	OI						
	OJ			:			
	OK						
			FORETE	N PARENTE DOCUMENTES			
				Constitution of the first state of the second			
Examiner Initial		Document Number	Date	Country	Class	Sub- Class	Translation
	OL	Document Number			Class		Translation
	OL	Document Number			Class		Translation
		Document Number			Class		Translation
	ОМ	Document Number			Class		Translation
	OM	Document Number			Class		Translation
	OM OO		Date				Translation
	OM ON OO OP	OTHER Eitan, Boaz.	Date  Date  The Hiding authors and the Carr	Country	ages, ste	class	
Initial	OM ON OO OP OQ OR	Eitan, Boaz. Engineering, Montanari, Do for Multileve on Components	"Hot Carr Vol. 36.	Country  Cristians data percinental  cristians data percinental  rier Effects in FLASI	Ages, 9rc H. " Micro H. Source S	elect ide I	ronic njection

Examiner

Date Considered

#### LIST OF DOCUMENTS CITED BY APPLICANT

Atty. Docket 10. A-8753W

Appln. No. 10/742,890

Applicant

Gerald J. Banks

December 23, 2003

Filing Date

**Group** . 2818

			T.S.	PATENT TOGUMENTS			
Examiner Initial		Document Number	Date	Name	Class	Sub- class	Filing Date
	PA						
	PB						
	PC						
	PD						
	PE						
	PF						
	PG						
	PH						
	PI					·	
	PJ						
	PK						
		200	एं छित्रस्यक्ष	N PATENT DOCUMENTS			
Examiner Initial		Document Number	Date	Country	Class	Sub- class	Translation
	PL	Document Number	Date	Country	Class		Translation
	PL PM	Document Number	Date	Country	Class		Translation
Initial		Document Number	Date	Country	Class		Translation
Initial	PM	Document Number	Date	Country	Class		Translation
Initial	PM PN	Document Number	Date	Country	Class		Translation
Initial	PM PN PO			Country  or Finle states openingst a	WK HER GROWN PROCESS		Translation
Initial	PM PN PO PP	CIHER  Lorenzini, Ma Two-Bit Stora	including auti artino, et age Capacid Manufactu		egas etc	Class PROM Ce	ell with
Initial	PM PO PP PQ	OTHER  Corenzini, Ma  Two-Bit Stora  Packaging and  (June 1997)  Bonner, Bruce  Dataquest, Th	including and artino, et age Capacid Manufacture 182-189.	or File data per limit of the file of the	age	PROM Ceomponen	ell with its, No. 2.

Examiner

Date Considered

FORM PTO-1449					Atty. Docket	No.	App	ln. No.	
					A-8753W		10/	10/742,890	
LIST	OF	DOCUMENTS C	ITED BY A	PPLICANT			<u> </u>		
					Applicant Gerald J. BANKS				
						CAMAG	T -		
					Filing Date			Group	
		·		·•	December	23, 200	03 281	.8 	
			U.S.	PATENT DO	CUMENTS				
xaminer Initial		Document Number	Date	N	ame	Class	Sub- class	Filing Date	
	AA	4,809,224	02/28/89	Suzuki et	al.	365	168		
· · · · · · · · · · · · · · · · · · ·	AB	5,218,569	06/08/93	Banks		365	189.01		
	AC	5,872,735	02/16/99	Banks		365	189.01		
-	AD	6,002,614	12/14/99	Banks		365	189.01		
	ΑE	6,104,640	08/15/00	Banks		365	189.01		
	AF	6,011,716	01/04/00	Banks		365	185.03		
	AG	6,014,327	01/11/00	Banks		365	185.03		
	АН	6,118,692	09/12/00	Banks		365	185.03		
	ΑI	6,246,613	06/12/01	Banks		365	189.01		
	AJ	6,243,321	06/05/01	Banks		365	233		
	AK	6,343,034	01/29/02	Banks		365	189.00		
	AL	6,356,486	03/12/02	Banks		365	189.01		
	AM	6,353,554	03/05/02	Banks	-	365	185.03		
	AN	6,339,545	01/15/02	Banks		365	185.03		
	AO	6,324,121	11/27/01	Banks		365	185.03		
	AP	6,327,189	12/04/01	Banks	<del></del>	365	189.01		
<u> </u>	AQ	6,404,675	06/11/02	Banks		365	185.03		
-	AR	6,344,998	02/05/02	Banks		365	185.22	· · · · · · · · · · · · · · · · · · ·	
	AS	6,434,050	08/13/02	Banks		365	185.2		
	AT.	6,381,172	04/30/02	Banks		365	185.03		
	AU	6,714,455	03/30/04	Banks		419	27		
		OTHER	(including aut)	hor, title, da	te, pertinent p	ages, etc	.)		
	AV								
 xaminer	: :	<u> </u>		Date	Considered				